

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District

Ash Slough Drop Structure No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Ash Slough Drop Structure No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	M
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Ash Slough Drop Structure No. 3

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Ash Slough Drop Structure No. 4

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	U
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	A
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	M
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Bear Creek Diversion Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M
	Revetments	M
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Chowchilla Canal Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Eastside Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	M
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	A
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Eastside Bypass Drop Structure No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	M
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	M
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Eastside Bypass Drop Structure No. 2

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	M
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	M
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Fresno River Drainage Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	N
	Encroachments	M
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	A
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	M
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Mariposa Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Mariposa Bypass Drop Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	M
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Owens Creek Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	M
	Concrete Tilting / Settlement	M
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Owens Creek Overflow Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

San Joaquin River Bypass Control Structure

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	A
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	N
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	A
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

San Joaquin River Structure

Overall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	M
	Shoaling / Sedimentation	U
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	A
	Culverts: Breaks / Holes / Cracks	A
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	M
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	A
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
2020 Structure Summary Report
Overall Unit and Item Ratings

Lower San Joaquin Levee District (cont.)

Sand Slough Structure

Overall Unit Rating	Rated Item	Item Rating
M	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	U
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Ash Slough Drop Structure No. 1

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.033952 °	37.033952 °
				-120.441733 °	-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_24_1_20200721_00013.jpg



Overview of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_24_1_20200721_00012.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_24_1_20200721_00014.jpg



View of the left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_2				
Action/Comments					
Inspector Comments: No vegetation or obstructions that would impede flow. Tree limb caught on dissipator near the right wing wall.					

Photo 1 of 1 : ST_2020_NA0010_24_2_20200721_00020.jpg



Tree limb near the right wing wall. (2020)

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation or shoaling visible.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2017_4				
Action/Comments					
Inspector Comments: Some minor erosion or animal burrowing was found on the back side of the right wing wall of the structure.					

Photo 1 of 2 : ST_2020_NA0010_24_4_20200721_00015.jpg



Minor erosion at right wing wall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	4 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.033952 °		37.033952 °
				-120.441733 °		-120.441733 °
DWR ID	DWR_NA0010_24_t_2017_4					
Action/Comments						
Inspector Comments: Some minor erosion or animal burrowing was found on the back side of the right wing wall of the structure.						

Photo 2 of 2 : ST_2020_NA0010_24_4_20200610_00006.jpg



Ash Slough #1 minor erosion at right wingwall. (Summer 2017)

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_5				
Action/Comments					
Inspector Comments: Structure revetment appears to be well maintained.					

Photo 1 of 2 : ST_2020_NA0010_24_5_20200721_00017.jpg



View of downstream revetment placed after 2019's inspection. (2020)

LM Start	0.00	Rating **	A	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_24_5_20200610_00008.jpg



Downstream revetment has been washed away. (2019)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_6				
Action/Comments					
Inspector Comments: No visible encroachment.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			37.033952 °		37.033952 °
				-120.441733 °		-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_7					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			37.033952 °		37.033952 °
				-120.441733 °		-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_8					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_9				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_10				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_11				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_12				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_13				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.033952 °	37.033952 °
				-120.441733 °	-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_14				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_15				
Action/Comments					
Inspector Comments: No visible damage to concrete surfaces.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			37.033952 °		37.033952 °
				-120.441733 °		-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_16					
Action/Comments						
Inspector Comments: No visible movement or settlement present.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.033952 °	37.033952 °
				-120.441733 °	-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_17				
Action/Comments					
Inspector Comments: No scour or erosion along the structure foundation observed.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_18				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.033952 °	37.033952 °
				-120.441733 °	-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_19				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.033952 °	37.033952 °
				-120.441733 °	-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_20				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_21				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.033952 °	37.033952 °
				-120.441733 °	-120.441733 °
DWR ID	DWR_NA0010_24_t_2012_22				
Action/Comments					
Inspector Comments: Joint gaskets on the wing walls appear to be deteriorating. Monitor for potential repairs.					

Photo 1 of 2 : ST_2020_NA0010_24_22_20200721_00018.jpg



View of gasket on the right wing wall. (2020)

Photo 2 of 2 : ST_2020_NA0010_24_22_20200721_00019.jpg



View of monolith joint at the left wing wall. (2020)

LM Start	0.00	Rating **	A	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	37.033952 °		37.033952 °	
		-120.441733 °		-120.441733 °	
DWR ID	DWR_NA0010_24_t_2012_23				
Action/Comments					
Inspector Comments: No visible safety hazards.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.033952 °	37.033952 °
				-120.441733 °	-120.441733 °
DWR ID	DWR_NA0010_24_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Ash Slough Drop Structure No. 2

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_25_1_20200721_00014.jpg



Overview of downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_25_1_20200721_00013.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_25_1_20200721_00015.jpg



View of left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_2				
Action/Comments					
Inspector Comments: No vegetation or obstructions identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation was identified.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_4				
Action/Comments					
Inspector Comments: Large hole on the exterior of the right side wall 2-3 feet wide and 4-5 feet deep and 6-8 feet long. This erosion extends back to the headwall which is visible.					

Photo 1 of 4 : ST_2020_NA0010_25_4_20200721_00016.jpg



Erosion at right wing wall. (2020)

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	4 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Erosion / Bank Caving			37.037853 °	37.037853 °	
				-120.440067 °	-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_4					
Action/Comments						
Inspector Comments: Large hole on the exterior of the right side wall 2-3 feet wide and 4-5 feet deep and 6-8 feet long. This erosion extends back to the headwall which is visible.						

Photo 2 of 4 : ST_2020_NA0010_25_4_20200721_00020.jpg



View inside erosion pocket. (2020)

LM Start	0.00	Rating **	M	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST_2020_NA0010_25_4_20200610_00005.jpg



Erosion at right sidewall (2018)

LM Start	0.00	Rating **	M	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 4 of 4 : ST_2020_NA0010_25_4_20200610_00006.jpg



Erosion on the right sidewall (2017)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_5				
Action/Comments					
Inspector Comments: Existing revetment appears to be adequate, but is partially obscured by sand.					

Photo 1 of 1 : ST_2020_NA0010_25_5_20200721_00021.jpg



View of revetment looking towards the right bank. (2020)

LM Start	0.00	Rating **	A	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.037853 °		37.037853 °
				-120.440067 °		-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_6					
Action/Comments						
Inspector Comments: No visible encroachments.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			37.037853 °	37.037853 °	
				-120.440067 °	-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_7					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_8				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_9				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_10				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Flap Gates			37.037853 °		37.037853 °
				-120.440067 °		-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_11					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_12				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_13				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_14				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			37.037853 °		37.037853 °
				-120.440067 °		-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_15					
Action/Comments						
Inspector Comments: No spalling or cracking identified for the structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	16	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			37.037853 °		37.037853 °
				-120.440067 °		-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_16					
Action/Comments						
Inspector Comments: No visible movement or settlement.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t _ 2012_17				
Action/Comments					
Inspector Comments: No scouring or undermining identified.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t _ 2012_18				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Closure Structures			37.037853 °		37.037853 °
				-120.440067 °		-120.440067 °
DWR ID	DWR_NA0010_25_t_ 2012_19					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2012_20				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_21				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_22				
Action/Comments					
Inspector Comments: Joint gaskets on both wingwalls are deteriorating and need to be repaired.					

Photo 1 of 3 : ST_2020_NA0010_25_22_20200721_00022.jpg



View of the gasket at the left wing wall. (2020)

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_22				
Action/Comments					
Inspector Comments: Joint gaskets on both wingwalls are deteriorating and need to be repaired.					

Photo 2 of 3 : ST_2020_NA0010_25_22_20200721_00023.jpg



Deteriorated gasket on the right wing wall. (2020)

LM Start	0.00	Rating **	M	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_25_22_20200610_00011.jpg



Left bank gasket is deteriorated at headwall. (2017)

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.037853 °	37.037853 °
				-120.440067 °	-120.440067 °
DWR ID	DWR_NA0010_25_t_2012_23				
Action/Comments					
Inspector Comments: No visible safety hazards at this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.037853 °		37.037853 °	
		-120.440067 °		-120.440067 °	
DWR ID	DWR_NA0010_25_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Ash Slough Drop Structure No. 3

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t_2017_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_26_1_20200721_00012.jpg



Overview of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_26_1_20200721_00011.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_26_1_20200721_00013.jpg



View of the left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t_2012_2				
Action/Comments					
Inspector Comments: Tree branch caught along right wing wall of structure.					

Photo 1 of 1 : ST_2020_NA0010_26_2_20200721_00014.jpg



Tree limb caught along the right wing wall. (2020)

LM Start	0.00	Rating **	M	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t_2012_3				
Action/Comments					
Inspector Comments: Sedimentation on the upstream side of structure and also on the downstream side of the left wingwall area.					

Photo 1 of 2 : ST_2020_NA0010_26_3_20200721_00015.jpg



Sediment accumulating near the left wing wall. (2020)

LM Start	0.00	Rating **	M	Issue No.	3 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_26_3_20200610_00006.jpg



Sedimentation near left wing wall (2018)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t_2012_4				
Action/Comments					
Inspector Comments: No visible erosion or caving near the structure was identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t_2012_5				
Action/Comments					
Inspector Comments: Existing revetment is covered by the sand. Recommend maintenance to ensure revetment is adequate.					

Photo 1 of 1 : ST_2020_NA0010_26_5_20200721_00016.jpg



Downstream view of revetment, mostly obscured by sedimentation. (2020)

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t_2012_6				
Action/Comments					
Inspector Comments: No visible encroachments near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t_2012_7				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			37.042767 °		37.042767 °
				-120.436323 °		-120.436323 °
DWR ID	DWR_NA0010_26_t_2012_8					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.042767 °		37.042767 °
				-120.436323 °		-120.436323 °
DWR ID	DWR_NA0010_26_t_2012_9					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t _ 2012_10				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t _ 2012_11				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t _ 2012_12				
Action/Comments					
Inspector Comments: This items does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t _ 2012_13				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t _ 2012_14				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			37.042767 °		37.042767 °
				-120.436323 °		-120.436323 °
DWR ID	DWR_NA0010_26_t_2012_15					
Action/Comments						
Inspector Comments: No visible damage.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	16	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			37.042767 °		37.042767 °
				-120.436323 °		-120.436323 °
DWR ID	DWR_NA0010_26_t _ 2012_16					
Action/Comments						
Inspector Comments: No visible movement or settlement.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t _ 2012_17				
Action/Comments					
Inspector Comments: No visible undermining or erosion.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Security Fencing			37.042767 °		37.042767 °
				-120.436323 °		-120.436323 °
DWR ID	DWR_NA0010_26_t_2012_18					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	37.042767 °		37.042767 °	
		-120.436323 °		-120.436323 °	
DWR ID	DWR_NA0010_26_t _ 2012_19				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t _ 2012_20				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Other Metallic Items			37.042767 °		37.042767 °
				-120.436323 °		-120.436323 °
DWR ID	DWR_NA0010_26_t_ 2012_21					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 3		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t_2012_22				
Action/Comments					
Inspector Comments: All joints appears to be in good condition. Some minor degradation of the joint material on the right and left wingwall but does not appear it would currently impact structure.					

Photo 1 of 1 : ST_2020_NA0010_26_22_20200610_00009.jpg



Deterioration of right wing wall gasket. (2019)

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t_2012_23				
Action/Comments					
Inspector Comments: No visible safety hazards at the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.042767 °	37.042767 °
				-120.436323 °	-120.436323 °
DWR ID	DWR_NA0010_26_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

Flood Control Project Maintenance
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Lower San Joaquin Levee District

Structure
Ash Slough Drop Structure No. 4

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_27_1_20200721_00023.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_27_1_20200721_00024.jpg



Overview of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_27_1_20200721_00025.jpg



View of the left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_2				
Action/Comments					
Inspector Comments: Trees should be removed from around structure.					

Photo 1 of 2 : ST_2020_NA0010_27_2_20200610_00004.jpg



View of tree growing at the left head wall. (2019)

LM Start	0.00	Rating **	M	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_27_2_20200610_00005.jpg



Branches and debris piling up along left headwall. (2019)

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_3				
Action/Comments					
Inspector Comments: Minor sedimentation on the downstream left bank side of the structure at the metal culvert outlet.					

Photo 1 of 1 : ST_2020_NA0010_27_3_20200721_00026.jpg



Sedimentation downstream along the left wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_4				
Action/Comments					
Inspector Comments: No visible erosion was found.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_5				
Action/Comments					
Inspector Comments: No revetment visible on upstream side of structure. Downstream revetment is covered by sand. Recommend maintenance to ensure revetment is adequate.					

Photo 1 of 1 : ST_2020_NA0010_27_5_20200610_00009.jpg



View of downstream side of structure looking upstream. (2018)

LM Start	0.00	Rating **	U	Issue No.	6
LM End	0.00	Issue Type +	En	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_6				
Action/Comments					
Inspector Comments: Landowner is blocking the structure with a sand dam. Additionally, the landowner installed unauthorized pipes through the unauthorized sand dam.					

Photo 1 of 3 : ST_2020_NA0010_27_6_20200721_00028.jpg



View along unauthorized sand dam from the left bank. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	6 (cont)	
LM End	0.00	Issue Type +	En	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			37.045045 °	37.045045 °	
				-120.429855 °	-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_6					
Action/Comments						
Inspector Comments: Landowner is blocking the structure with a sand dam. Additionally, the landowner installed unauthorized pipes through the unauthorized sand dam.						

Photo 2 of 3 : ST_2020_NA0010_27_6_20200721_00027.jpg



View of the other unauthorized pipes through the unauthorized earthen dam. (2020)

LM Start	0.00	Rating **	U	Issue No.	6 (cont)
LM End	0.00	Issue Type +	En	Location *	

Photo 3 of 3 : ST_2020_NA0010_27_6_20200610_00010.jpg



View of unauthorized earthen dam and pipe from right bank. (2019)

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Culverts: Inlets / Outlets	37.045045 °	37.045045 °		
		-120.429855 °	-120.429855 °		
DWR ID	DWR_NA0010_27_t_2012_7				
Action/Comments					
Inspector Comments: The structure has 1 CMP culvert at the base of each wingwall that appear to be in good shape with no visible signs of deterioration.					

Photo 1 of 4 : ST_2020_NA0010_27_7_20200721_00030.jpg



View of inlet on the right bank. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	7 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Culverts: Inlets / Outlets			37.045045 °	37.045045 °	
				-120.429855 °	-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_7					
Action/Comments						
Inspector Comments: The structure has 1 CMP culvert at the base of each wingwall that appear to be in good shape with no visible signs of deterioration.						

Photo 2 of 4 : ST_2020_NA0010_27_7_20200721_00029.jpg



View of outlet at the right wing wall. (2020)

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST_2020_NA0010_27_7_20200721_00031.jpg



View of inlet at the left bank. (2020)

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 4 of 4 : ST_2020_NA0010_27_7_20200721_00032.jpg



View of outlet at the left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Breaks / Holes / Cracks	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_8				
Action/Comments					
Inspector Comments: There are no visible signs of breaks in the culverts.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Metal Pipes	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_9				
Action/Comments					
Inspector Comments: The structure has 1 metal culvert at the base of each wing wall that appear to be in good shape with no visible signs of deterioration. 1 CMP along the headwall that connects between the culverts on each wing wall.					

Photo 1 of 3 : ST_2020_NA0010_27_9_20200721_00033.jpg



Inlet for right wing wall CMP. (2020)

Photo 2 of 3 : ST_2020_NA0010_27_9_20200721_00034.jpg



Inlet for left wing wall CMP. (2020)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	9 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.045045 °		37.045045 °
				-120.429855 °		-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_9					
Action/Comments						
Inspector Comments: The structure has 1 metal culvert at the base of each wing wall that appear to be in good shape with no visible signs of deterioration. 1 CMP along the headwall that connects between the culverts on each wing wall.						

Photo 3 of 3 : ST_2020_NA0010_27_9_20200721_00035.jpg



CMP that connect between culverts risers on left and right wing wall.
(2020)

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_10				
Action/Comments					
Inspector Comments: This item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_11				
Action/Comments					
Inspector Comments: This item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_12				
Action/Comments					
Inspector Comments: The structure includes 1 slide gate on each bank. Both are operational.					

Photo 1 of 2 : ST_2020_NA0010_27_12_20200721_00036.jpg



Slide gate on the right bank. (2020)

Photo 2 of 2 : ST_2020_NA0010_27_12_20200721_00037.jpg



Slide gate on the left bank. (2020)

LM Start	0.00	Rating **	A	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_13				
Action/Comments					
Inspector Comments: This item does not exist on this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2012_14				
Action/Comments					
Inspector Comments: Manual gate operators perform as intended and appear to be adequately maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			37.045045	°	37.045045
				-120.429855	°	-120.429855
DWR ID	DWR_NA0010_27_t_2012_15					
Action/Comments						
Inspector Comments: No visible damage.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	16	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			37.045045 °	37.045045 °	
				-120.429855 °	-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_16					
Action/Comments						
Inspector Comments: No visible movement or settlement.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t _ 2012_17				
Action/Comments					
Inspector Comments: No visible undermining at the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t _ 2012_18				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_ 2012_19				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_20				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_21				
Action/Comments					
Inspector Comments: No metal items at this structure.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_22				
Action/Comments					
Inspector Comments: The gasket on the right wingwalll is starting to deteriorate. Recommend repair.					

Photo 1 of 1 : ST_2020_NA0010_27_22_20200721_00038.jpg



View of gasket on right wingwall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Ash Slough Drop Structure No. 4		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	37.045045 °		37.045045 °	
		-120.429855 °		-120.429855 °	
DWR ID	DWR_NA0010_27_t_2012_23				
Action/Comments					
Inspector Comments: No safety hazards visible.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.045045 °	37.045045 °
				-120.429855 °	-120.429855 °
DWR ID	DWR_NA0010_27_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Bear Creek Diversion Structure

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Photo Documentation			37.254970 °	37.254970 °	
				-120.718450 °	-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_1					
Action/Comments						
Inspector Comments: Structure appears to be acceptably maintained.						

Photo 1 of 3 : ST_2020_NA0010_34_1_20200610_00001.jpg



Overview of structure from left bank looking upstream. (2019)

Photo 2 of 3 : ST_2020_NA0010_34_1_20200716_00020.jpg



View of upstream side of the structure from the left bank. (2020)

Photo 3 of 3 : ST_2020_NA0010_34_1_20200716_00022.jpg



View of downstream side of the structure from the right bank. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_2				
Action/Comments					
Inspector Comments: No vegetation issues identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation or shoaling visible.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_4				
Action/Comments					
Inspector Comments: Erosion at upstream left bank undermining an area of concrete revetment.					

Photo 1 of 2 : ST_2020_NA0010_34_4_20200610_00004.jpg



View of erosion at left bank on the upstream side of the structure. (2019)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	4 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Erosion / Bank Caving			37.254970 °	37.254970 °	
				-120.718450 °	-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_4					
Action/Comments						
Inspector Comments: Erosion at upstream left bank undermining an area of concrete revetment.						

Photo 2 of 2 : ST_2020_NA0010_34_4_20200610_00005.jpg



Close up of erosion at upstream left bank. (2018)

LM Start	0.00	Rating **	M	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_5				
Action/Comments					
Inspector Comments: Some minor revetment scouring on downstream side of structure was identified in previous inspections. Shadow of scour was visible during 2020 inspection.					

Photo 1 of 3 : ST_2020_NA0010_34_5_20200610_00006.jpg



Looking at minor revetment erosion on downstream side of structure. (2015)

LM Start	0.00	Rating **	M	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_34_5_20200610_00007.jpg



Looking at revetment on downstream side of structure. (2015)

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	5 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_5					
Action/Comments						
Inspector Comments: Some minor revetment scouring on downstream side of structure was identified in previous inspections. Shadow of scour was visible during 2020 inspection.						

Photo 3 of 3 : ST_2020_NA0010_34_5_20200716_00023.jpg



Erosion of the downstream revetment. (2020)

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_6				
Action/Comments					
Inspector Comments: No encroachments identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_7				
Action/Comments					
Inspector Comments: No debris blocking the culverts.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Breaks / Holes / Cracks	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_8				
Action/Comments					
Inspector Comments: No visible damage to culverts.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_9					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Flap Gates			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_11					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_12				
Action/Comments					
Inspector Comments: Gate appear to be in good working condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Electric Gate Operators	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_13				
Action/Comments					
Inspector Comments: Electric gate appears to be properly maintained and is in good working condition.					

Photo 1 of 2 : ST_2020_NA0010_34_13_20200716_00027.jpg



View of the gate operator from the right. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	13 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Electric Gate Operators			37.254970 °	37.254970 °	
				-120.718450 °	-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_13					
Action/Comments						
Inspector Comments: Electric gate appears to be properly maintained and is in good working condition.						

Photo 2 of 2 : ST_2020_NA0010_34_13_20200610_00009.jpg



Looking at gate operator on upstream side of structure. (2019)

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_14				
Action/Comments					
Inspector Comments: No manual gate operators on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_15				
Action/Comments					
Inspector Comments: Cracking on upper surface of downstream left wing wall.					

Photo 1 of 2 : ST_2020_NA0010_34_15_20200716_00028.jpg



Cracking on left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	15 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_15					
Action/Comments						
Inspector Comments: Cracking on upper surface of downstream left wing wall.						

Photo 2 of 2 : ST_2020_NA0010_34_15_20200610_00012.jpg



Cracking on left wing wall. (2017)

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Concrete Tilting / Settlement	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_16				
Action/Comments					
Inspector Comments: No visible settlement identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	37.254970 °		37.254970 °	
		-120.718450 °		-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_17				
Action/Comments					
Inspector Comments: No visible erosion near foundation.					

Photo 1 of 3 : ST_2020_NA0010_34_17_20200610_00014.jpg



Looking at upstream side of structure.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	17 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Concrete Foundations			37.254970 °	37.254970 °	
				-120.718450 °	-120.718450 °	
DWR ID	DWR_NA0010_34_t_2012_17					
Action/Comments						
Inspector Comments: No visible erosion near foundation.						

Photo 2 of 3 : ST_2020_NA0010_34_17_20200610_00015.jpg



Looking at downstream side of structure.

LM Start	0.00	Rating **	A	Issue No.	17 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_34_17_20200610_00016.jpg



Looking at left wing wall on upstream side of structure.

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_18				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Closure Structures			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_19					
Action/Comments						
Inspector Comments: There is no closure structure on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Rakes			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_20					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	21	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Other Metallic Items			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_21					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Bear Creek Diversion Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_22				
Action/Comments					
Inspector Comments: Joint deterioration on the headwall joint is visible.					

Photo 1 of 1 : ST_2020_NA0010_34_22_20200610_00017.jpg



Joint deterioration on right headwall. (2019)

LM Start	0.00	Rating **	A	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			37.254970 °		37.254970 °
				-120.718450 °		-120.718450 °
DWR ID	DWR_NA0010_34_t_2012_23					
Action/Comments						
Inspector Comments: No visible hazards near the structure.						

Photo 1 of 1 : ST_2020_NA0010_34_23_20200716_00029.jpg



Handrails on the downstream side of the structure. (2020)

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.254970 °	37.254970 °
				-120.718450 °	-120.718450 °
DWR ID	DWR_NA0010_34_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2020 Structure Inspection Results****Lower San Joaquin Levee District**

Structure
Chowchilla Canal Bypass Control Structure

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_1				
Action/Comments					
Inspector Comments: Structure appears to be properly maintained.					

Photo 1 of 3 : ST_2020_NA0010_65_1_20200720_00011.jpg



View of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_65_1_20200720_00010.jpg



View of the top of the structure from the left bank. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_65_1_20200610_00003.jpg



View of upstream side of the structure. (2019)

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_2				
Action/Comments					
Inspector Comments: No signs of vegetation or obstructions identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation observed.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			36.774021 °		36.774021 °
				-120.284476 °		-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_4					
Action/Comments						
Inspector Comments: No visible erosion near structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_5				
Action/Comments					
Inspector Comments: Revetments appear to be maintained and in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			36.774021 °		36.774021 °
				-120.284476 °		-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_6					
Action/Comments						
Inspector Comments: No encroachments identified near structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			36.774021 °		36.774021 °
				-120.284476 °		-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_7					
Action/Comments						
Inspector Comments: No obstructions identified in inlets and outlets.						

Photo 1 of 2 : ST_2020_NA0010_65_7_20200720_00012.jpg



View of the structure outlets. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	7 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			36.774021 °	36.774021 °	
				-120.284476 °	-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_7					
Action/Comments						
Inspector Comments: No obstructions identified in inlets and outlets.						

Photo 2 of 2 : ST_2020_NA0010_65_7_20200720_00013.jpg



Typical view of the outlet. (2020)

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_8				
Action/Comments					
Inspector Comments: No visible breaks/cracks/holes identified in the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_9				
Action/Comments					
Inspector Comments: No metal pipes on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_10				
Action/Comments					
Inspector Comments: There are no trash racks on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_11				
Action/Comments					
Inspector Comments: There are no flap gates on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_12				
Action/Comments					
Inspector Comments: Gates are operable and appear to be well maintained.					

Photo 1 of 1 : ST_2020_NA0010_65_12_20200720_00014.jpg



Representative picture of the gates. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_13				
Action/Comments					
Inspector Comments: Electric gate operators appear to be in good working condition.					

Photo 1 of 2 : ST_2020_NA0010_65_13_20200720_00015.jpg



View of electric gate operators. (2020)

LM Start	0.00	Rating **	A	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_65_13_20200610_00007.jpg



Representative view of electric gate controls. (2019)

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_14				
Action/Comments					
Inspector Comments: No manual gate operators on this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t _ 2017_15				
Action/Comments					
Inspector Comments: No visible signs of damage to concrete.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t _ 2017_16				
Action/Comments					
Inspector Comments: No signs of tilting or settlement near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_17				
Action/Comments					
Inspector Comments: No scouring or undermining visible near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t _ 2017_18				
Action/Comments					
Inspector Comments: Safety security fencing appears to be in good condition with no signs of corrosion/damage.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t _ 2017_19				
Action/Comments					
Inspector Comments: This item does not exist on the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			36.774021 °	36.774021 °
				-120.284476 °	-120.284476 °
DWR ID	DWR_NA0010_65_t_ 2017_20				
Action/Comments					
Inspector Comments: There are no trash rakes on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_21				
Action/Comments					
Inspector Comments: No visible corrosion identified. Metal parts appear to be in good condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Monolith Joints	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_22				
Action/Comments					
Inspector Comments: Joint material is deteriorating, identified along the top on the roadway side of the structure and right wing wall. Recommend monitoring and repairing if the deterioration worsens.					

Photo 1 of 3 : ST_2020_NA0010_65_22_20200610_00008.jpg



Deterioration of joint material along top on roadway side of structure. (2019)

LM Start	0.00	Rating **	A	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_65_22_20200720_00016.jpg



Minor deterioration of the left wing wall joint. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Chowchilla Canal Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	22 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Monolith Joints			36.774021 °		36.774021 °
				-120.284476 °		-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_22					
Action/Comments						
Inspector Comments: Joint material is deteriorating, identified along the top on the roadway side of the structure and right wing wall. Recommend monitoring and repairing if the deterioration worsens.						

Photo 3 of 3 : ST_2020_NA0010_65_22_20200720_00017.jpg



Minor deterioration of joint on right wing wall. (2020)

LM Start	0.00	Rating **	A	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			36.774021 °		36.774021 °
				-120.284476 °		-120.284476 °
DWR ID	DWR_NA0010_65_t_2017_23					
Action/Comments						
Inspector Comments: No visible safety hazards identified.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	36.774021 °		36.774021 °	
		-120.284476 °		-120.284476 °	
DWR ID	DWR_NA0010_65_t_2017_24				
Action/Comments					
Inspector Comments: Operator manual on file in office.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Eastside Bypass Control Structure

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_43_1_20200717_00016.jpg



View of the upstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_43_1_20200717_00015.jpg



View of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_43_1_20200610_00003.jpg



View across the top of the structure from the left bank. (2019)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Vegetation & Obstructions			37.204867 °		37.204867 °
				-120.696985 °		-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_2					
Action/Comments						
Inspector Comments: No visible vegetation issues.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			37.204867 °		37.204867 °
				-120.696985 °		-120.696985 °
DWR ID	DWR_NA0010_43_t_2017_3					
Action/Comments						
Inspector Comments: No visible sedimentation.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.204867 °		37.204867 °
				-120.696985 °		-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_4					
Action/Comments						
Inspector Comments: No active erosion present.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			37.204867 °		37.204867 °
				-120.696985 °		-120.696985 °
DWR ID	DWR_NA0010_43_t_2019_5					
Action/Comments						

No Photos

LM Start	0.00	Rating **	M	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_6				
Action/Comments					
Inspector Comments: Makeshift animal pen was put up on the top right side of the structure.					

Photo 1 of 2 : ST_2020_NA0010_43_6_20200717_00017.jpg



View of the animal pen encroachment looking upstream. (2020)

Photo 2 of 2 : ST_2020_NA0010_43_6_20200717_00018.jpg



View of animal pen from the right bank looking towards the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_7				
Action/Comments					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			37.204867 °		37.204867 °
				-120.696985 °		-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_8					
Action/Comments						
Inspector Comments: No visible problems at the culverts.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_9				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_11				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Sluice/Slide Gates	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_12				
Action/Comments					
Inspector Comments: Item appears to be adequately maintained and able to perform as intended. At least one grease fitting is not connected to hinge point on gate.					

Photo 1 of 3 : ST_2020_NA0010_43_12_20200717_00019.jpg



View of the control gates. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_12				
Action/Comments					
Inspector Comments: Item appears to be adequately maintained and able to perform as intended. At least one grease fitting is not connected to hinge point on gate.					

Photo 2 of 3 : ST_2020_NA0010_43_12_20200717_00020.jpg



Typical view of the radial gate. (2020)

LM Start	0.00	Rating **	A	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_43_12_20200610_00006.jpg



View of grease point that is not connected. (2017)

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_13				
Action/Comments					
Inspector Comments: Gate operators perform as intended and appear to be adequately maintained.					

Photo 1 of 3 : ST_2020_NA0010_43_13_20200717_00021.jpg



View of the electric gate motors. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_13				
Action/Comments					
Inspector Comments: Gate operators perform as intended and appear to be adequately maintained.					

Photo 2 of 3 : ST_2020_NA0010_43_13_20200610_00008.jpg



Typical view of electric gate controls. (2019)

LM Start	0.00	Rating **	A	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_43_13_20200610_00009.jpg



View of control panel. (2018)

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2017_14				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			37.204867 °		37.204867 °
				-120.696985 °		-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_15					
Action/Comments						
Inspector Comments: Item appears to be acceptably maintained.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_16				
Action/Comments					
Inspector Comments: No visible movement at or near structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_17				
Action/Comments					
Inspector Comments: No visible erosion near foundation, unable to view full area due to water levels.					

Photo 1 of 2 : ST_2020_NA0010_43_17_20200610_00010.jpg



Looking at downstream side of structure. (2017)

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	17 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Foundations			37.204867 °		37.204867 °
				-120.696985 °		-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_17					
Action/Comments						
Inspector Comments: No visible erosion near foundation, unable to view full area due to water levels.						

Photo 2 of 2 : ST_2020_NA0010_43_17_20200610_00011.jpg



Looking at typical of control structure bay. (2017)

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_18				
Action/Comments					
Inspector Comments: Security fencing around electrical house is in good condition.					

Photo 1 of 1 : ST_2020_NA0010_43_18_20200717_00022.jpg



View of fencing around the electrical housing. (2020)

LM Start	0.00	Rating **	A	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.204867 °	37.204867 °
				-120.696985 °	-120.696985 °
DWR ID	DWR_NA0010_43_t_2012_19				
Action/Comments					
Inspector Comments: No visible problem with stoplogs on upstream side of structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_21				
Action/Comments					
Inspector Comments: Minor rust on control gates but does not impact function.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_22				
Action/Comments					
Inspector Comments: Minor joint deterioration at wingwalls.					

Photo 1 of 2 : ST_2020_NA0010_43_22_20200717_00023.jpg



View of monolith joint at left wingwall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_22				
Action/Comments					
Inspector Comments: Minor joint deterioration at wingwalls.					

Photo 2 of 2 : ST_2020_NA0010_43_22_20200610_00013.jpg



View of monolith joint at right wingwall. (2019)

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2012_23				
Action/Comments					
Inspector Comments: No safety issues identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.204867 °		37.204867 °	
		-120.696985 °		-120.696985 °	
DWR ID	DWR_NA0010_43_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

Flood Control Project Maintenance**Unit Cover Sheet****2020 Structure Inspection Results****Lower San Joaquin Levee District**

Structure
Eastside Bypass Drop Structure No. 1

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_1				
Action/Comments					

Photo 1 of 4 : ST_2020_NA0010_29_1_20200721_00017.jpg



Overview of the structure looking upstream. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 4 : ST_2020_NA0010_29_1_20200721_00016.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 4 : ST_2020_NA0010_29_1_20200721_00018.jpg



View of the left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			36.975666 °		36.975666 °
				-120.382143 °		-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_1					
Action/Comments						

Photo 4 of 4 : ST_2020_NA0010_29_1_20200610_00001.jpg



Overview of structure from the left bank. (2019)

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_2				
Action/Comments					
Inspector Comments: No visible vegetation issues were identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation near structure observed.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			36.975666 °	36.975666 °	
				-120.382143 °	-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_4					
Action/Comments						
Inspector Comments: Some caving on right wing wall(north side)						

Photo 1 of 3 : ST_2020_NA0010_29_4_20200721_00019.jpg



View of erosion along the right wing wall. (2020)

LM Start	0.00	Rating **	M	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_29_4_20200610_00004.jpg



View of erosion/caving on right wing wall. (2019)

LM Start	0.00	Rating **	M	Issue No.	4 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_29_4_20200610_00006.jpg



Looking at erosion/caving on right wing wall on summer 2014.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_5				
Action/Comments					
Inspector Comments: Revetment appears to be acceptably maintained.					

Photo 1 of 1 : ST_2020_NA0010_29_5_20200721_00020.jpg



View of revetment looking towards right wing wall. (2020)

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_6				
Action/Comments					
Inspector Comments: No visible encroachments near structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_7				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			36.975666 °	36.975666 °	
				-120.382143 °	-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_8					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_9				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Racks			36.975666 °	36.975666 °	
				-120.382143 °	-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_10					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	36.975666 °		36.975666 °	
		-120.382143 °		-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_11				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_12				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Electric Gate Operators			36.975666 °		36.975666 °
				-120.382143 °		-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_13					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	36.975666 °		36.975666 °	
		-120.382143 °		-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_14				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_15				
Action/Comments					
Inspector Comments: Negligible small crack at head wall. Concrete just downstream of the energy dissipators is scouring. Recommend monitoring and repair if scour worsens.					

Photo 1 of 2 : ST_2020_NA0010_29_15_20200721_00021.jpg



Scour along the base concrete downstream of the dissipators. (2020)

Photo 2 of 2 : ST_2020_NA0010_29_15_20200610_00011.jpg



Small crack at head wall. (2018)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	16	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Tilting / Settlement			36.975666 °		36.975666 °
				-120.382143 °		-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_16					
Action/Comments						
Inspector Comments: No visible settlement near the structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	17	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Foundations			36.975666 °		36.975666 °
				-120.382143 °		-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_17					
Action/Comments						
Inspector Comments: No undermining of the structure is visible.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	18	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Security Fencing			36.975666 °		36.975666 °
				-120.382143 °		-120.382143 °
DWR ID	DWR_NA0010_29_t_2017_18					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	36.975666 °		36.975666 °	
		-120.382143 °		-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	36.975666 °		36.975666 °	
		-120.382143 °		-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	36.975666 °		36.975666 °	
		-120.382143 °		-120.382143 °	
DWR ID	DWR_NA0010_29_t_2012_21				
Action/Comments					
Inspector Comments: No metallic parts at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 1		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_22				
Action/Comments					
Inspector Comments: Gaskets along the wingwalls are deteriorating.					

Photo 1 of 1 : ST_2020_NA0010_29_22_20200721_00022.jpg



View of monolith joint at left wing wall. (2020)

LM Start	0.00	Rating **	A	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			36.975666 °		36.975666 °
				-120.382143 °		-120.382143 °
DWR ID	DWR_NA0010_29_t_2012_23					
Action/Comments						
Inspector Comments: No visible safety issues identified.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			36.975666 °	36.975666 °
				-120.382143 °	-120.382143 °
DWR ID	DWR_NA0010_29_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Eastside Bypass Drop Structure No. 2

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_30_1_20200720_00012.jpg



Overview of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_30_1_20200720_00011.jpg



View of the right wing wall (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_30_1_20200720_00013.jpg



View of the left wing wall. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_2				
Action/Comments					
Inspector Comments: No vegetation or obstructions were present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation or shoaling present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_4				
Action/Comments					
Inspector Comments: No visible erosion or caving present.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_5				
Action/Comments					
Inspector Comments: Revetment appears to be properly maintained.					

Photo 1 of 2 : ST_2020_NA0010_30_5_20200720_00014.jpg



View of the downstream revetment. (2020)

LM Start	0.00	Rating **	A	Issue No.	5 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_30_5_20200720_00015.jpg



View of revetment on upstream and downstream side of the structure. (2020)

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_6				
Action/Comments					
Inspector Comments: No visible encroachments.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_7				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Breaks / Holes / Cracks	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_8				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_9				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_10				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_11				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Sluice/Slide Gates			36.975706 °		36.975706 °
				-120.374885 °		-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_12					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_13				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_14				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_15				
Action/Comments					
Inspector Comments: Damage to dissipator near right wing wall.					

Photo 1 of 1 : ST_2020_NA0010_30_15_20200720_00016.jpg



Dissipator near right wing wall is damaged. (2020)

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_16				
Action/Comments					
Inspector Comments: No visible movement or settlement was present during inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_17				
Action/Comments					
Inspector Comments: No visible erosion or undermining near the structure identified.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Security Fencing			36.975706 °	36.975706 °	
				-120.374885 °	-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_18					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2012_19				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_20				
Action/Comments					
Inspector Comments: This item does not exist at this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Other Metallic Items			36.975706 °		36.975706 °
				-120.374885 °		-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_21					
Action/Comments						
Inspector Comments: This item does not exist at this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2018_22				
Action/Comments					
Inspector Comments: Rubber seal deteriorated between the joints of structure.					

Photo 1 of 2 : ST_2020_NA0010_30_22_20200720_00017.jpg



Joint deterioration at left headwall. (2020)

LM Start	0.00	Rating **	M	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_30_22_20200610_00009.jpg



Joint deterioration on left wing wall. (2019)

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			36.975706 °	36.975706 °
				-120.374885 °	-120.374885 °
DWR ID	DWR_NA0010_30_t_2012_23				
Action/Comments					
Inspector Comments: No visible safety hazards.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Eastside Bypass Drop Structure No. 2		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	36.975706 °		36.975706 °	
		-120.374885 °		-120.374885 °	
DWR ID	DWR_NA0010_30_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2020 Structure Inspection Results****Lower San Joaquin Levee District**

Structure
Fresno River Drainage Structure

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_39_1_20200721_00012.jpg



View of the control gates. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_39_1_20200721_00013.jpg



View of the inlet side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_39_1_20200721_00014.jpg



View of the outlet side of the structure. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2017_2				
Action/Comments					
Inspector Comments: No vegetation issues identified at the inlet or outlet of the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_3				
Action/Comments					
Inspector Comments: No shoaling or sedimentation issues were visible during inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_4				
Action/Comments					
Inspector Comments: No visible erosion identified during inspection.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			36.975418 °		36.975418 °
				-120.359578 °		-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_5					
Action/Comments						
Inspector Comments: No revetment at this location.						

No Photos

LM Start	0.00	Rating **	M	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_6				
Action/Comments					
Inspector Comments: Wood planks used to prop open outlet flap gates.					

Photo 1 of 2 : ST_2020_NA0010_39_6_20200721_00015.jpg



Wood planks used to prop open the flap gates. (2020)

LM Start	0.00	Rating **	M	Issue No.	6 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_39_6_20200610_00004.jpg



Wood planks used to prop open flap gates. (2019)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_7				
Action/Comments					
Inspector Comments: Culverts are clear of obstructions. Wood planks were used to prop open the flap gates (see issue 6).					

Photo 1 of 2 : ST_2020_NA0010_39_7_20200610_00005.jpg



View of inlet side of structure. (2019)

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_39_7_20200610_00006.jpg



View of outlet side of structure. Wood planks have been placed to prop open flap gates. (2019)

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Breaks / Holes / Cracks			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_8				
Action/Comments					
Inspector Comments: No visible issues identified in the culverts.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Metal Pipes	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_9				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_11				
Action/Comments					
Inspector Comments: Flap gates have been propped open with wood planks.					

Photo 1 of 1 : ST_2020_NA0010_39_11_20200721_00016.jpg



View of flap gates at outlet of the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_12				
Action/Comments					
Inspector Comments: Slide gates appear to be in good condition. Vegetation caught in slide gate should be cleared.					

Photo 1 of 2 : ST_2020_NA0010_39_12_20200721_00017.jpg



Typical view of slide gate. (2020)

LM Start	0.00	Rating **	A	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_39_12_20200721_00018.jpg



Vegetation caught under the middle slide gate. (2020)

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_13				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_14				
Action/Comments					
Inspector Comments: Missing wheel on two of four screw gates. One wheel handle is broken. Wheel handles could not be operated. Manual operator components should be greased and maintained.					

Photo 1 of 2 : ST_2020_NA0010_39_14_20200721_00021.jpg



View of the manual gate operators. (2020)

LM Start	0.00	Rating **	M	Issue No.	14 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_39_14_20200610_00010.jpg



View of missing and broken wheel handles. (2018)

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_15				
Action/Comments					
Inspector Comments: No visible cracking on concrete surfaces.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_16				
Action/Comments					
Inspector Comments: No visible tilting or settlement present at structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Concrete Foundations	36.975418 °	36.975418 °		
		-120.359578 °	-120.359578 °		
DWR ID	DWR_NA0010_39_t_2012_17				
Action/Comments					
Inspector Comments: No foundation problems were visible/identified.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Security Fencing			36.975418 °	36.975418 °	
				-120.359578 °	-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_18					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t _ 2012_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Other Metallic Items			36.975418 °		36.975418 °
				-120.359578 °		-120.359578 °
DWR ID	DWR_NA0010_39_t_2017_21					
Action/Comments						
Inspector Comments: Minor corrosion seen on flap gates.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Fresno River Drainage Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	36.975418 °		36.975418 °	
		-120.359578 °		-120.359578 °	
DWR ID	DWR_NA0010_39_t_2012_22				
Action/Comments					
Inspector Comments: No monolith joint problem was visible during the inspection.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2012_23				
Action/Comments					
Inspector Comments: No safety issues were visible.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			36.975418 °	36.975418 °
				-120.359578 °	-120.359578 °
DWR ID	DWR_NA0010_39_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Mariposa Bypass Control Structure

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_1				
Action/Comments					
Inspector Comments: Item appears to be adequately maintained and able to perform as intended.					

Photo 1 of 3 : ST_2020_NA0010_44_1_20200720_00016.jpg



Looking at the upstream side of the structure from the left bank. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_44_1_20200720_00017.jpg



View of the downstream side of the structure from the left bank. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_44_1_20200720_00015.jpg



View across the top of the structure. (2020)

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_2				
Action/Comments					
Inspector Comments: No visible vegetation or obstructions impeding the flow.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation build-up or shoaling near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_4				
Action/Comments					
Inspector Comments: No visible erosion near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			37.201538 °		37.201538 °
				-120.694813 °		-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_5					
Action/Comments						
Inspector Comments: Revetments appear to be in proper condition.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.201538 °		37.201538 °
				-120.694813 °		-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_6					
Action/Comments						
Inspector Comments: No encroachments were found near the structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			37.201538 °	37.201538 °	
				-120.694813 °	-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_7					
Action/Comments						
Inspector Comments: No debris blocking culverts.						

Photo 1 of 1 : ST_2020_NA0010_44_7_20200720_00018.jpg



Typical view of outlets. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Breaks / Holes / Cracks	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_8				
Action/Comments					
Inspector Comments: No visible damage to culverts.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_9				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2018_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_11				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_12				
Action/Comments					
Inspector Comments: No visible damage, sediment or obstructions identified.					

Photo 1 of 1 : ST_2020_NA0010_44_12_20200720_00019.jpg



View of the radial gates. (2020)

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_13				
Action/Comments					
Inspector Comments: Electrical gates appear to be in proper working condition.					

Photo 1 of 3 : ST_2020_NA0010_44_13_20200720_00020.jpg



Typical view of electrical gates on upstream side of structure. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	13 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Electric Gate Operators			37.201538 °	37.201538 °	
				-120.694813 °	-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_13					
Action/Comments						
Inspector Comments: Electrical gates appear to be in proper working condition.						

Photo 2 of 3 : ST_2020_NA0010_44_13_20200610_00011.jpg



View of electrical gate controls. (2019)

LM Start	0.00	Rating **	A	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_44_13_20200610_00012.jpg



View of control panel. (2018)

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2013_14				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_15				
Action/Comments					
Inspector Comments: Exposed rebar at expansion joint on upstream side of structure.					

Photo 1 of 1 : ST_2020_NA0010_44_15_20200720_00021.jpg



Exposed rebar at expansion joint on upstream side of structure. (2020)

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_16				
Action/Comments					
Inspector Comments: No visible movement along the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_17				
Action/Comments					
Inspector Comments: No visible undermining near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	18	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Security Fencing			37.201538 °		37.201538 °
				-120.694813 °		-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_18					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Rakes			37.201538 °		37.201538 °
				-120.694813 °		-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_20					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2012_21				
Action/Comments					
Inspector Comments: No visible corrosion.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_22				
Action/Comments					
Inspector Comments: No visible joint deterioration identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.201538 °	37.201538 °
				-120.694813 °	-120.694813 °
DWR ID	DWR_NA0010_44_t_2012_23				
Action/Comments					
Inspector Comments: No safety hazards identified.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.201538 °		37.201538 °	
		-120.694813 °		-120.694813 °	
DWR ID	DWR_NA0010_44_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Mariposa Bypass Drop Structure

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_1				
Action/Comments					
Inspector Comments: Structure appears to be maintained and able to perform as intended.					

Photo 1 of 4 : ST_2020_NA0010_31_1_20200720_00010.jpg



Looking at the upstream side of the structure from the left bank. (2020)

Photo 2 of 4 : ST_2020_NA0010_31_1_20200720_00009.jpg



View of the downstream side of the structure from the left bank. (2020)

Photo 3 of 4 : ST_2020_NA0010_31_1_20200720_00008.jpg



View of the right wing wall. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Photo Documentation			37.201796 °		37.201796 °
				-120.755262 °		-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_1					
Action/Comments						
Inspector Comments: Structure appears to be maintained and able to perform as intended.						

Photo 4 of 4 : ST_2020_NA0010_31_1_20200720_00011.jpg



View of the left wing wall. (2020)

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_2				
Action/Comments					
Inspector Comments: No vegetation or obstructions near the structure that would impede the flow.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			37.201796 °	37.201796 °	
				-120.755262 °	-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_3					
Action/Comments						
Inspector Comments: No sedimentation build-up or shoaling near the structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_4				
Action/Comments					
Inspector Comments: No erosion near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			37.201796 °		37.201796 °
				-120.755262 °		-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_5					
Action/Comments						
Inspector Comments: Revetment appears to be in good condition.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_6				
Action/Comments					
Inspector Comments: No visible encroachments near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			37.201796 °		37.201796 °
				-120.755262 °		-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_7					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			37.201796 °		37.201796 °
				-120.755262 °		-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_8					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.201796 °	37.201796 °	
				-120.755262 °	-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_9					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_11				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Sluice/Slide Gates			37.201796 °		37.201796 °
				-120.755262 °		-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_12					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_13				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_14				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	15	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			37.201796 °	37.201796 °	
				-120.755262 °	-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_15					
Action/Comments						
Inspector Comments: No visible damage to concrete surface.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_16				
Action/Comments					
Inspector Comments: No tilting/settlement identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_17				
Action/Comments					
Inspector Comments: No visible undermining near the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
				Start		End	
Item	Security Fencing			37.201796	°	37.201796	°
				-120.755262	°	-120.755262	°
DWR ID	DWR_NA0010_31_t_2012_18						
Action/Comments							
Inspector Comments: Item does not exist on this structure.							

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2012_21				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

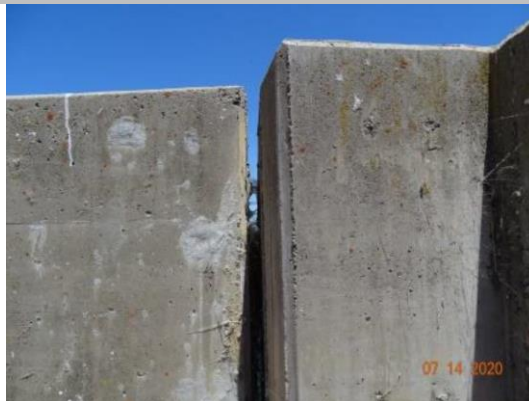
Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_22				
Action/Comments					
Inspector Comments: Joint gaskets are deteriorating and need to be repaired.					

Photo 1 of 2 : ST_2020_NA0010_31_22_20200720_00012.jpg



View of the deteriorated joint at the left wing wall. (2020)

LM Start	0.00	Rating **	M	Issue No.	22 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_31_22_20200610_00006.jpg



View of right sidewall joint deterioration. (2017)

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.201796 °	37.201796 °
				-120.755262 °	-120.755262 °
DWR ID	DWR_NA0010_31_t_2012_23				
Action/Comments					
Inspector Comments: No visible safety hazards.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Mariposa Bypass Drop Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.201796 °		37.201796 °	
		-120.755262 °		-120.755262 °	
DWR ID	DWR_NA0010_31_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance
Unit Cover Sheet
2020 Structure Inspection Results

Lower San Joaquin Levee District

Structure
Owens Creek Control Structure

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2018_1				
Action/Comments					
Inspector Comments: The control structure has structural defects at multiple locations. The LMA appears to have stabilized the structure with external steel reinforcements (see photos throughout).					

Photo 1 of 3 : ST_2020_NA0010_49_1_20200717_00020.jpg



View of outlet side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_49_1_20200717_00019.jpg



View of inlet side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_49_1_20200717_00018.jpg



View across the top of the structure. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_2				
Action/Comments					
Inspector Comments: No visible vegetation or obstructions identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation or shoaling visible.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Erosion / Bank Caving	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_4				
Action/Comments					
Inspector Comments: LMA brought in concrete revetment for the minor erosion at the left headwall.					

Photo 1 of 2 : ST_2020_NA0010_49_4_20200717_00021.jpg



Concrete revetment placed at the left headwall. (2020)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	4 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			37.219637 °		37.219637 °
				-120.698018 °		-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_4					
Action/Comments						
Inspector Comments: LMA brought in concrete revetment for the minor erosion at the left headwall.						

Photo 2 of 2 : ST_2020_NA0010_49_4_20200610_00004.jpg



View of left headwall, possible erosion on landside of wall. (2019)

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_5				
Action/Comments					
Inspector Comments: Revetment appears to be properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_6				
Action/Comments					
Inspector Comments: No encroachments visible.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Inlets / Outlets	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_7				
Action/Comments					
Inspector Comments: No visible debris blocking the culverts.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			37.219637 °		37.219637 °
				-120.698018 °		-120.698018 °
DWR ID	DWR_NA0010_49_t_2017_8					
Action/Comments						
Inspector Comments: No visible damage to culverts.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.219637 °		37.219637 °
				-120.698018 °		-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_9					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Racks	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Flap Gates			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_11				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_12				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_13				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_14				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_15				
Action/Comments					
Inspector Comments: Small cracking on left and right wing walls. LMA installed metal braces to stabilize the wing walls on the upstream and downstream sides of the structure.					

Photo 1 of 4 : ST_2020_NA0010_49_15_20200717_00022.jpg



Cracking on the right headwall of the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	15 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Concrete Surfaces			37.219637 °	37.219637 °	
				-120.698018 °	-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_15					
Action/Comments						
Inspector Comments: Small cracking on left and right wing walls. LMA installed metal braces to stabilize the wing walls on the upstream and downstream sides of the structure.						

Photo 2 of 4 : ST_2020_NA0010_49_15_20200717_00023.jpg



Cracking on the left headwall of the structure. (2020)

Photo 3 of 4 : ST_2020_NA0010_49_15_20200610_00008.jpg



Looking at small crack on right wing wall on downstream side of structure. (2019)

Photo 4 of 4 : ST_2020_NA0010_49_15_20200610_00009.jpg



Looking at crack on left wing wall on downstream side of structure. (2019)

LM Start	0.00	Rating **	M	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

LM Start	0.00	Rating **	M	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_16				
Action/Comments					
Inspector Comments: Concrete tilting/settlement on upstream and downstream left wing walls has been stabilized by the LMA. Tilting is still visible but installed braces appear to be stabilizing the wingwalls.					

Photo 1 of 5 : ST_2020_NA0010_49_16_20200717_00024.jpg



Looking at brace on left wing wall on downstream side of structure. (2020)

LM Start	0.00	Rating **	M	Issue No.	16 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 5 : ST_2020_NA0010_49_16_20200610_00013.jpg



Looking at brace on left wing wall on downstream side of structure. Summer 2012

LM Start	0.00	Rating **	M	Issue No.	16 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 5 : ST_2020_NA0010_49_16_20200610_00014.jpg



Looking at braces on downstream right wing wall. (2018)

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.	16 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start	End	
Item	Concrete Tilting / Settlement			37.219637 °	37.219637 °	
				-120.698018 °	-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_16					
Action/Comments						
Inspector Comments: Concrete tilting/settlement on upstream and downstream left wing walls has been stabilized by the LMA. Tilting is still visible but installed braces appear to be stabilizing the wingwalls.						

Photo 4 of 5 : ST_2020_NA0010_49_16_20200610_00015.jpg



Looking at upstream left wing wall. (2018)

LM Start	0.00	Rating **	M	Issue No.	16 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 5 of 5 : ST_2020_NA0010_49_16_20200610_00016.jpg



Left wingwall tilting with braces in place. (2017)

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_17				
Action/Comments					
Inspector Comments: No visible undermining along the structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t _ 2012_18				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Closure Structures			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t _ 2012_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.219637 °		37.219637 °	
		-120.698018 °		-120.698018 °	
DWR ID	DWR_NA0010_49_t_2012_21				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Monolith Joints	37.219637 °	37.219637 °		
		-120.698018 °	-120.698018 °		
DWR ID	DWR_NA0010_49_t_2012_22				
Action/Comments					
Inspector Comments: No visible issues identified with joints.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Safety			37.219637 °		37.219637 °
				-120.698018 °		-120.698018 °
DWR ID	DWR_NA0010_49_t_2012_23					
Action/Comments						
Inspector Comments: No visible safety hazards.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Control Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.219637 °	37.219637 °
				-120.698018 °	-120.698018 °
DWR ID	DWR_NA0010_49_t_2013_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2020 Structure Inspection Results****Lower San Joaquin Levee District**

Structure
Owens Creek Overflow Structure

Structure Rating	A
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_50_1_20200717_00011.jpg



View of upstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_50_1_20200717_00013.jpg



View of downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_50_1_20200610_00003.jpg



Looking at upstream side of structure. (2015)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_2				
Action/Comments					
Inspector Comments: No vegetation issues identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Shoaling / Sedimentation	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_3				
Action/Comments					
Inspector Comments: No sedimentation or shoaling identified near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_4				
Action/Comments					
Inspector Comments: No erosion was identified near the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_5				
Action/Comments					
Inspector Comments: Revetment appears to be in adequate condition.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_6				
Action/Comments					
Inspector Comments: No encroachments near the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_7				
Action/Comments					
Inspector Comments: No damage or obstructions of the culverts observed.					

Photo 1 of 1 : ST_2020_NA0010_50_7_20200717_00014.jpg



Looking at outlets of the structure. (2020)

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Culverts: Breaks / Holes / Cracks	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_8				
Action/Comments					
Inspector Comments: No visible damage to culverts.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_9				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Flap Gates			37.205787 °		37.205787 °
				-120.696838 °		-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_11					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_12				
Action/Comments					
Inspector Comments: No visible damage to slide gates identified. Previously identified rust and corrosion on the gates and bolts was not visible due to the current water level.					

Photo 1 of 1 : ST_2020_NA0010_50_12_20200610_00005.jpg



Looking at corrosion on slide gates on upstream side of structure. (2015)

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_13				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_14				
Action/Comments					
Inspector Comments: Manual gates were in good working condition.					

Photo 1 of 1 : ST_2020_NA0010_50_14_20200717_00015.jpg



View of manual gate controls. (2020)

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_15				
Action/Comments					
Inspector Comments: Small crack was found on headwall, but the structure is not threatened.					

Photo 1 of 2 : ST_2020_NA0010_50_15_20200610_00008.jpg



Small cracking on the headwall. (2018)

LM Start	0.00	Rating **	A	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_50_15_20200610_00009.jpg



Another view of the cracking on the headwall. (2018)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_16				
Action/Comments					
Inspector Comments: No visible movement.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_17				
Action/Comments					
Inspector Comments: No visible undermining along the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Security Fencing			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_18				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t _ 2012_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Other Metallic Items			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_21				
Action/Comments					
Inspector Comments: No visible corrosion.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Owens Creek Overflow Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.205787 °		37.205787 °	
		-120.696838 °		-120.696838 °	
DWR ID	DWR_NA0010_50_t_2012_22				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2012_23				
Action/Comments					
Inspector Comments: No visible hazards.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.205787 °	37.205787 °
				-120.696838 °	-120.696838 °
DWR ID	DWR_NA0010_50_t_2013_24				
Action/Comments					
Inspector Comments: The O&M manual is on file in the office.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Flood Control Project Maintenance**Unit Cover Sheet****2020 Structure Inspection Results****Lower San Joaquin Levee District**

Structure
San Joaquin River Bypass Control Structure

Structure Rating	A
Date of Inspection	7/15/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			36.773292 °	36.773292 °
				-120.285206 °	-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_1				
Action/Comments					
Inspector Comments: Structure appears to be properly maintained.					

Photo 1 of 3 : ST_2020_NA0010_64_1_20200720_00010.jpg



View of upstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_64_1_20200720_00011.jpg



View of downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_64_1_20200610_00003.jpg



View of top of the structure from right bank. (2019)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_2				
Action/Comments					
Inspector Comments: No vegetation or obstructions observed.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			36.773292 °		36.773292 °
				-120.285206 °		-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_3					
Action/Comments						
Inspector Comments: There is shoaling just upstream of the structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	4	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			36.773292 °		36.773292 °
				-120.285206 °		-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_4					
Action/Comments						
Inspector Comments: No erosion or bank caving identified.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Revetments			36.773292 °		36.773292 °
				-120.285206 °		-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_5					
Action/Comments						
Inspector Comments: Existing riprap appears to be in good condition.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			36.773292 °		36.773292 °
				-120.285206 °		-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_6					
Action/Comments						
Inspector Comments: No encroachments visible near the structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			36.773292 °	36.773292 °
				-120.285206 °	-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_7				
Action/Comments					
Inspector Comments: Inlets and outlets are free from obstructions.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	8
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Culverts: Breaks / Holes / Cracks	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_8				
Action/Comments					
Inspector Comments: No visible signs of damage in the structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Metal Pipes	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_9				
Action/Comments					
Inspector Comments: No metal pipes on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Trash Racks	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_10				
Action/Comments					
Inspector Comments: Trash racks appear to be in good condition.					

Photo 1 of 1 : ST_2020_NA0010_64_10_20200720_00012.jpg



View of trash racks. (2020)

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Flap Gates			36.773292 °		36.773292 °
				-120.285206 °		-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_11					
Action/Comments						
Inspector Comments: This structure does not have flap gates.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Sluice/Slide Gates	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_12				
Action/Comments					
Inspector Comments: Gates are in good working condition.					

Photo 1 of 2 : ST_2020_NA0010_64_12_20200720_00013.jpg



View of the radial gates. (2020)

Photo 2 of 2 : ST_2020_NA0010_64_12_20200720_00014.jpg



Typical view of the gates. (2020)

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Electric Gate Operators			36.773292 °	36.773292 °
				-120.285206 °	-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_13				
Action/Comments					
Inspector Comments: Electric gate operators appear to be in good working condition.					

Photo 1 of 2 : ST_2020_NA0010_64_13_20200720_00015.jpg



View of the electric gate operators. (2020)

LM Start	0.00	Rating **	A	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_64_13_20200610_00008.jpg



Representative view of electric gate controls. (2019)

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Manual Gate Operators			36.773292 °	36.773292 °
				-120.285206 °	-120.285206 °
DWR ID	DWR_NA0010_64_t_2017_14				
Action/Comments					
Inspector Comments: Manual gate operators do not exist on this structure.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_15				
Action/Comments					
Inspector Comments: No visible signs of damage to concrete surfaces.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Tilting / Settlement	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_16				
Action/Comments					
Inspector Comments: No visible signs of tilting/settlement of the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Foundations	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_17				
Action/Comments					
Inspector Comments: No visible signs of undermining at the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_18				
Action/Comments					
Inspector Comments: Safety and security fencing is in good condition and adequate for structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_19				
Action/Comments					
Inspector Comments: There are no closure structures at this site.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_20				
Action/Comments					
Inspector Comments: This structure does not have trash rakes.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_21				
Action/Comments					
Inspector Comments: No visible corrosion present.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_22				
Action/Comments					
Inspector Comments: Noted deterioration of the expansion joint on the downstream side of the roadway. Recommend monitoring and repairing if the deterioration worsens.					

Photo 1 of 1 : ST_2020_NA0010_64_22_20200720_00016.jpg

View of expansion joint on the downstream side of the top roadway.
(2020)

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_23				
Action/Comments					
Inspector Comments: No visible signs of safety issues identified.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Bypass Control Structure		07/15/2020 07/15/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	36.773292 °		36.773292 °	
		-120.285206 °		-120.285206 °	
DWR ID	DWR_NA0010_64_t_2017_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2020 Structure Inspection Results****Lower San Joaquin Levee District**

Structure
San Joaquin River Structure

Structure Rating	M
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_1				
Action/Comments					

Photo 1 of 2 : ST_2020_NA0010_66_1_20200720_00014.jpg



View of the upstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_66_1_20200720_00013.jpg



View of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Vegetation & Obstructions			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_2				
Action/Comments					
Inspector Comments: Vegetation growing at the downstream side of structure.					

Photo 1 of 1 : ST_2020_NA0010_66_2_20200720_00015.jpg



Trees growing over the downstream side of the structure. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	3
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Shoaling / Sedimentation			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_3				
Action/Comments					
Inspector Comments: Sedimentation blocking inlet and function of slide gates.					

Photo 1 of 1 : ST_2020_NA0010_66_3_20200610_00005.jpg



Inlet gates buried under sedimentation. (2019)

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_4				
Action/Comments					
Inspector Comments: No visible erosion or bank caving identified at the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Revetments			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_5				
Action/Comments					
Inspector Comments: Unable to determine if existing revetment is adequate due to heavy vegetation (addressed in issue 2) and sedimentation (addressed in issue 3).					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	6
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Encroachments	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t_2017_6				
Action/Comments					
Inspector Comments: No encroachments identified at the structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	7
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Culverts: Inlets / Outlets			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_7				
Action/Comments					
Inspector Comments: Culverts are in good condition but there is sedimentation built up above the inlets/slide gates see issue 3.					

Photo 1 of 2 : ST_2020_NA0010_66_7_20200720_00016.jpg



View of culvert outlet. (2020)

LM Start	0.00	Rating **	A	Issue No.	7 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2 : ST_2020_NA0010_66_7_20200610_00007.jpg



Sedimentation built up above slide gate. (2019)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			37.112360 °		37.112360 °
				-120.589598 °		-120.589598 °
DWR ID	DWR_NA0010_66_t _ 2017_8					
Action/Comments						
Inspector Comments: No visible issus identified for the culverts.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Metal Pipes			37.112360 °		37.112360 °
				-120.589598 °		-120.589598 °
DWR ID	DWR_NA0010_66_t _ 2017_9					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	10
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Racks			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t _ 2017_10				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t_2017_11				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	M	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_12				
Action/Comments					
Inspector Comments: Sedimentation on the inlet side of the structure impacts the function of slide gates.					

LM Start	0.00	Rating **	M	Issue No.	12 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2 : ST_2020_NA0010_66_12_20200610_00009.jpg



View of slide gate with sedimentation. (2019)

Photo 2 of 2 : ST_2020_NA0010_66_12_20200610_00010.jpg



View of slide gate with sedimentation. (2017)

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	13
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Electric Gate Operators	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t_2017_13				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t_2017_14				
Action/Comments					
Inspector Comments: All manual gates operators appear to be in proper working condition. District caps off manual operation stem to secure gates.					

Photo 1 of 2 : ST_2020_NA0010_66_14_20200720_00018.jpg



View of the manual gate operators. (2020)

Photo 2 of 2 : ST_2020_NA0010_66_14_20200720_00017.jpg



Typical view of the manual gate operators. (2020)

LM Start	0.00	Rating **	A	Issue No.	14 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Surfaces			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_15				
Action/Comments					
Inspector Comments: Damage to the left inlet joint resulting in exposed rebar.					

Photo 1 of 1 : ST_2020_NA0010_66_15_20200720_00019.jpg



View of cracking at the joint on the left inlet side. (2020)

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_16				
Action/Comments					
Inspector Comments: No movement of the structure identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.112360 °	37.112360 °
				-120.589598 °	-120.589598 °
DWR ID	DWR_NA0010_66_t_2017_17				
Action/Comments					
Inspector Comments: No visible erosion or undermining identified.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t _ 2017_18				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start	End		
Item	Closure Structures	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t _ 2017_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Trash Rakes	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t _ 2017_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t _ 2017_21				
Action/Comments					
Inspector Comments: No visible corrosion identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Monolith Joints	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t _ 2017_22				
Action/Comments					
Inspector Comments: No visible issues identified for the joints.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Safety	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t _ 2017_23				
Action/Comments					
Inspector Comments: No safety issues identified.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
San Joaquin River Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Operation & Maintenance Manual	37.112360 °		37.112360 °	
		-120.589598 °		-120.589598 °	
DWR ID	DWR_NA0010_66_t_2017_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Flood Control Project Maintenance**Unit Cover Sheet****2020 Structure Inspection Results****Lower San Joaquin Levee District**

Structure
Sand Slough Structure

Structure Rating	M
Date of Inspection	7/14/2020
DWR Inspector	Corey Fujitani
Accompanied By	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	1
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Photo Documentation			37.112313 °	37.112313 °
				-120.588458 °	-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_1				
Action/Comments					

Photo 1 of 3 : ST_2020_NA0010_67_1_20200720_00007.jpg



View of the downstream side of the structure. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3 : ST_2020_NA0010_67_1_20200720_00006.jpg



View across the structure from the left bank. (2020)

LM Start	0.00	Rating **	N	Issue No.	1 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 3 of 3 : ST_2020_NA0010_67_1_20200720_00008.jpg



View across the structure from the right bank. (2020)

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	2
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Vegetation & Obstructions	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t _ 2017_2				
Action/Comments					
Inspector Comments: No visible vegetation or obstructions identified.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Shoaling / Sedimentation			37.112313 °		37.112313 °
				-120.588458 °		-120.588458 °
DWR ID	DWR_NA0010_67_t _ 2017_3					
Action/Comments						
Inspector Comments: No visible sedimentation or shoaling at the structure.						

No Photos

LM Start	0.00	Rating **	A	Issue No.	4
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.112313 °	37.112313 °
				-120.588458 °	-120.588458 °
DWR ID	DWR_NA0010_67_t _ 2017_4				
Action/Comments					
Inspector Comments: No visible erosion identified at the structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	5
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Revetments	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t _ 2017_5				
Action/Comments					
Inspector Comments: Existing revetment appears to be properly maintained.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	6	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			37.112313 °		37.112313 °
				-120.588458 °		-120.588458 °
DWR ID	DWR_NA0010_67_t _ 2017_6					
Action/Comments						
Inspector Comments: No visible encroachments identified.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Inlets / Outlets			37.112313 °		37.112313 °
				-120.588458 °		-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_7					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	8	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Culverts: Breaks / Holes / Cracks			37.112313 °	37.112313 °	
				-120.588458 °	-120.588458 °	
DWR ID	DWR_NA0010_67_t _ 2017_8					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

LM Start	0.00	Rating **	N	Issue No.	9
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Metal Pipes			37.112313 °	37.112313 °
				-120.588458 °	-120.588458 °
DWR ID	DWR_NA0010_67_t _ 2017_9				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	10	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Trash Racks			37.112313	°	37.112313
				-120.588458	°	-120.588458
DWR ID	DWR_NA0010_67_t_2017_10					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	11
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Flap Gates	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t_2017_11				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	12
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Sluice/Slide Gates			37.112313	°
				-120.588458	°
DWR ID	DWR_NA0010_67_t_2017_12				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Electric Gate Operators			37.112313 °		37.112313 °
				-120.588458 °		-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_13					
Action/Comments						
Inspector Comments: Item does not exist on this structure.						

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	14
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Manual Gate Operators	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t_2017_14				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	U	Issue No.	15
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Concrete Surfaces	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t_2017_15				
Action/Comments					
Inspector Comments: Concrete suraces on both outlet walls are damaged with exposed rebar. Damage appears to be from gunshots and should be repaired before further structural damage occurs and exposed rebar poses a safety hazard.					

Photo 1 of 3 : ST_2020_NA0010_67_15_20200720_00009.jpg



Damage to the left wall of the structure. (2020)

Photo 2 of 3 : ST_2020_NA0010_67_15_20200720_00010.jpg



Exposed rebar along the right Parshall flume wall. (2020)

LM Start	0.00	Rating **	U	Issue No.	15 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.	15 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
				Start		End
Item	Concrete Surfaces			37.112313 °		37.112313 °
				-120.588458 °		-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_15					
Action/Comments						
Inspector Comments: Concrete suraces on both outlet walls are damaged with exposed rebar. Damage appears to be from gunshots and should be repaired before further structural damage occurs and exposed rebar poses a safety hazard.						

Photo 3 of 3 : ST_2020_NA0010_67_15_20200610_00003.jpg



Damage to left wall of structure. (2019)

LM Start	0.00	Rating **	A	Issue No.	16
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Tilting / Settlement			37.112313 °	37.112313 °
				-120.588458 °	-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_16				
Action/Comments					
Inspector Comments: No visible settlement or tilting.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	17
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Concrete Foundations			37.112313 °	37.112313 °
				-120.588458 °	-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_17				
Action/Comments					
Inspector Comments: No visible erosion near foundation. Unable to view full area due to water level.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	18
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Security Fencing	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t_2017_18				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	19
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Closure Structures	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t_2017_19				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	20
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Trash Rakes			37.112313 °	37.112313 °
				-120.588458 °	-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_20				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	N	Issue No.	21
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels	GPS Latitude/Longitude			
		Start		End	
Item	Other Metallic Items	37.112313 °		37.112313 °	
		-120.588458 °		-120.588458 °	
DWR ID	DWR_NA0010_67_t_2017_21				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	N	Issue No.	22
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Monolith Joints			37.112313	°
				-120.588458	°
DWR ID	DWR_NA0010_67_t_2017_22				
Action/Comments					
Inspector Comments: Item does not exist on this structure.					

No Photos

LM Start	0.00	Rating **	A	Issue No.	23
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Safety			37.112313	°
				-120.588458	°
DWR ID	DWR_NA0010_67_t_2017_23				
Action/Comments					
Inspector Comments: No other safety issues identified other than the one noted in issue 15.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2020

Lower San Joaquin Levee District

Structure	Structure Length	Inspection Start/End	Inspector
Sand Slough Structure		07/14/2020 07/14/2020	Corey Fujitani

LM Start	0.00	Rating **	A	Issue No.	24
LM End	0.00	Issue Type +	Ma	Location *	
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude	
				Start	End
Item	Operation & Maintenance Manual			37.112313 °	37.112313 °
				-120.588458 °	-120.588458 °
DWR ID	DWR_NA0010_67_t_2017_24				
Action/Comments					
Inspector Comments: The manual is on file in the office.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement